

Abstract

Headline: Kinematic changes in technique of softball pitch.

Aims of thesis: To describe and compare the technique of pitches of top softball female pitchers and compare the results with former research.

Methods: For examination of different techniques, five top european softball female pitchers were chosen - 3 Czech and 2 Spanish. Videotape was taken on European championship 2005 in Prague. A method of 3D analysis was used for description of softball pitch.

Results: Results show the differences among the techniques of various female pitchers and they can be used to be compared with other studies.

Key words: Softball, pitch, female pitcher, kinematic analysis, 3D analysis